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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/844,267	04/18/97	MENARD	A 148-1123

IM71/0528
MCCORMICK PAULDING AND HUBER
CITYPLACE II
185 ASYLUM STREET
HARTFORD CT 06103-4102

EXAMINER

DIXON, M

ART UNIT PAPER NUMBER

1774

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DATE MAILED: 05/28/98

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

OFFICE ACTION SUMMARY

- ☐ Responsive to communication(s) filed on _____
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 D.C. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

- ☒ Claim(s) 9-16 ~~is~~ are pending in the application.
Of the above, claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 9-16 ~~is~~ are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claims _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
- ☐ received.
- ☐ received in Application No. (Series Code/Serial Number) _____
- ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

- ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- ☒ Notice of Reference Cited, PTO-892
- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☐ Interview Summary, PTO-413
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Notice of Informal Patent Application, PTO-152

Merrick Dixon
MERRICK DIXON
PRIMARY EXAMINER
GROUP 1300

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

Art Unit: 1317

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The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 1774.

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The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

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Applicant's election without traverse of claims 9-16 in Paper No. 3 is acknowledged.

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The disclosure is objected to because of the following informalities: There are blank spaces on page 2 of the specification .

Appropriate correction is required.

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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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Claims 9-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Arai et al(4977473) in view of Bryant(4312696). The primary reference to Arai et al teaches the basic claimed invention including a method for making a drum assembly for an internal drum-type assembly comprising releasable wrapping a drum skin around a general cylindrical mandrel, attaching a drum to the skin and moving the drum and attached drum skin away from the mandrel (col 1, line 65- col 2, line 65). The reference fails to teach the aspect of having a separating means between the mandrel and the skin to facilitate the removal of the assembly from the mandrel. The secondary reference to Bryant, however, teaches that it is know in the art to provide separating means to drum assemblies and mandrel-type articles similarly taught in the primary reference(col 9, lines 29-68). It would have been obvious to one of ordinary skill in the art at the time the invention is made to combine the teachings of the reference to Bryant and provide

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such separation means to the primary reference during its disclosed process and in the absence of unexpected results. Concerning claims 10,11 and 14, it is submitted that the aspect of employing such well known means as claimed, to attach various parts of the article would have been obvious as such attaching means are notoriously well known in the art. Concerning claims 12,13,15 and 16, the particular types of material or dimensions of respective device's portion are directed to article limitations and are of no patentable consequences to the claimed invention which must be manipulatively distinct.

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Crystal Mall 1 Fax Center

A facsimile center has been established in Crystal Plaza 3. The hours of operations are Mondays through Friday, 8:45 to 4:45 PM. This new location should be used in all instances when faxing any correspondence to Group 1300. The Patent Examining Fax Center new telecopier numbers are (703) 305-3599 for all After Finals and 703-305-5408 for all others. Use of the new Crystal Plaza 3 center will facilitate rapid delivery of materials to the group. The faxing of all papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 (November 15, 1989).

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Any questions concerning this communication should be directed to Examiner Merrick Dixon at
703-308-0013.

A handwritten signature in black ink, appearing to read "Merrick Dixon". The signature is fluid and cursive, with the first name "Merrick" written in a larger, more prominent script than the last name "Dixon".

Merrick Dixon

Primary Examiner

Group 1300